| | DDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDD | |
|--|--|--|
|--|--|--|

EX

NN NN

| 00000000 00000000000000000000000000000 | HH H | MM | |
|---|--|--|--|
| | | \$ | |

RR RR RR

RR

1-008 - Add a parameter to the split line routine. SMB 16-Nov-1982 1-009 - Change the parameter to split line routine. SMB 17-Nov-1982 1-010 - Change the call to EDT\$\$MRK_LNCHG. JBS 27-Dec-1982

10 11

16

18

.

Page

VO

:

| EDTSCHMINSCHR V04-000 | EDT\$CHMINSCHR - insert a string of characters Declarations | J 14 16-Sep-1984 00:01:27 14-Sep-1984 12:22:36 | VAX-11 Bliss-32 V4.0-742 [EDT.SRC]CHMINSCHR.BLI;1 | Page 2 |
|--|--|--|--|--------|
| 59 601 623 645 645 645 645 645 645 645 645 645 645 | 0058 %SBTTL 'Declarations' 0059 1 0060 1 | | ing of characters at the current | |

ED VO

::::

..........

```
K 14
16-Sep-1984 00:01:27
14-Sep-1984 12:22:36
                        EDT$CHMINSCHR - insert a string of characters
EDTSCHMINSCHR
                                                                                                                                    VAX-11 Bliss-32 V4.0-742 [EDT.SRC]CHMINSCHR.BLI;1
                                                                                                                                                                                          Page
                        EDT$$INS_STR - insert a string of characters
V04-000
                       0662
0663
0664
0665
    92
93
94
96
97
98
99
100
102
106
107
108
109
                                    *SBTTL 'EDT$$INS_STR - insert a string of characters'
                                    GLOBAL ROUTINE EDT$$INS_STR (
                                                                                                               Insert a string of characters
                                                                                                               Address of string to insert
                                         ) =
                                                                                                              Length of string to insert
                                      FUNCTIONAL DESCRIPTION:
                        0671
                        0672
0673
                                               Insert a string of characters at the current position in the text.
                                       FORMAL PARAMETERS:
                                        S
                                                                        a pointer to the string
                                                                        the length of the string
                        0678
                                       IMPLICIT INPUTS:
                                               EDT$$A_SEL_POS
EDT$$A_LN_END
EDT$$G_LN_LEN
EDT$$A_LN_PTR
EDT$$T_LN_BUF
    114
115
116
117
                        0686
0687
0688
0689
                                       IMPLICIT OUTPUTS:
    118
119
                                                EDT$$A_SEL_POS
    0690
                                               EDT$$A_LN_PTR
                        0691
                        0692
0693
                                      ROUTINE VALUE:
                        0694
                                               1 = success, 0 = error (line overflow)
                        0695
                        0696
0697
                                      SIDE EFFECTS:
                        0698
                                                NONE
                        0699
                        0700
                        0701
                                          BEGIN
                                          EXTERNAL ROUTINE
                                               EDT$$MSG_BELL : NOVALUE,
EDT$$MRK_LNCHG : NOVALUE,
EDT$$CS_UP,
EDT$$UPD_LNLEN : NOVALUE,
EDT$$SEL_RNGPOS,
EDT$$SPLT_LNINS : NOVALUE;
                                                                                                              Output a message to the terminal with a warning bell Track line updates Move up a line
                        0706
0707
                        0708
0709
                                                                                                               Update the length of the current line Compare the select line with the current line
                        0710
                                                                                                               Split a line of text at the current cursor position
                                        EXTERNAL

EDT$$A_SEL_POS,

EDT$$A_LN_END,

EDT$$G_LN_LEN,

EDT$$A_WK_LN : REF LIN_BLOCK,

EDT$$Z_EOB_LN,

EDT$$A_LN_PTR,
                                                                                                              select position.
End of current line pointer
                        0714
0715
                                                                                                            ! Length of current line
    146
                        0716
0717
    148
                                                                                                            ! Current character pointer
```

```
L 14
16-Sep-1984 00:01:27
14-Sep-1984 12:22:36
EDTSCHMINSCHR
V04-000
                   EDT$CHMINSCHR - insert a string of characters EDT$$INS_STR - insert a string of characters
                                                                                                         VAX-11 Bliss-32 V4.0-742 [EDT.SRC]CHMINSCHR.BLI;1
                                                                                                                                                    Page
   EDT$$T_LN_BUF;
                                                                                      ! Line buffer
                                 MESSAGES ((LINEXC255));
                              First make sure the line will not overflow.
                                 IF (.EDT$$G_LN_LEN + .L GTRU 255)
                                 THEN
                                      EDT$$MSG_BELL (EDT$_LINEXC255);
RETURN (0);
                                      END
                                 ELSE
                                      BEGIN
                                     OLD_LPOINT;
                              Check for the old EOB.
                                      IF (.EDT$$A_WK_LN EQLA EDT$$Z_EOB_LN)
                                      THEN
                                          BEGIN
EDT$$SPLT_LNINS (0);
EDT$$CS_UP ();
                                                                                      ! Don't use optimizer
                              Compute the new cursor position.
                                      OLD_LPOINT = .EDT$$A_LN_PTR;
EDT$$A_LN_PTR = CH$PEUS (.EDT$$A_LN_PTR, .L);
                              Open up a hole for the new characters.
                                      EDT$$CPY_MEM (CH$DIFF (.EDT$$A_LN_END, .OLD_LPOINT), .OLD_LPOINT, .EDT$$A_LN_PTR);
                              And move them in.
                                      EDT$$CPY_MEM (.L, .S, .OLD_LPOINT);
                              Update the length of the line.
                                      EDT$$UPD_LNLEN (.L);
                              Record the insertion for the screen updater.
                                      EDT$$MRK_LNCHG (SCR_EDIT_MODIFY, .OLD_LPOINT - EDT$$T_LN_BUF);
                              Update select range if necessary.
                                      IF (EDT$$SEL_RNGPOS () EQL 0)
                                      THEN
```

| EDT\$CHMINSCHR V04-000 : 206 : 207 : 208 : 209 : 210 : 211 : 212 : 213 : 214 : 215 | 0781 3 0782 3 RETURN (1); 0783 2 END; 0784 2 | line. LPOINT, .EDT\$\$A_SEL_POS) | THEN EDT\$\$A_SEL_POS = CH\$PLUS (.EDT\$\$A_SEL_POS, | (3) |
|---|--|--|---|--|
| ; 215 | 0785 1 END; | | EDTSCHMINGCHD EDTSCHMINGCHD - inches | |
| : | | .TITLE | EDT\$CHMINSCHR EDT\$CHMINSCHR - insert a string f characters | 0 |
| | | EXTRN | EDT\$\$MSG BELL, EDT\$\$MRK_LNCHG EDT\$\$CS UP, EDT\$\$UPD_LNEN EDT\$\$SEL_RNGPOS EDT\$\$SPLT_LNINS EDT\$\$A_SEL_POS, EDT\$\$A_LN_END EDT\$\$G_LN_EEN, EDT\$\$A_UK_EN EDT\$\$Z_EOB_LN, EDT\$\$A_LN_PTR EDT\$\$T_LN_BUF, EDT\$_LINEXC255 | |
| | | .PSECT | _EDT\$CODE,NOWRT, SHR, PIC,2 | |
| | 59 00000000G 00 58 00000000G 00 57 08 AC 57 08 AC 57 50 0000000FF 8F 50 10 00000000G 00 00 0000000G 8F 00 0000000G 00 | 3FC 00000 .ENTRY 9E 00002 MOVAB 9E 00009 MOVAB D0 00010 MOVL C1 00014 ADDL3 D1 0001C CMPL 1B 00023 BLEQU DD 00025 PUSHL FB 0002B CALLS D4 00034 RET | EDT\$\$A_SEL_POS, R9 EDT\$\$A_LN_PTR, R8 L_R7 R7, EDT\$\$G_LN_LEN, R0 R0, #255 1\$ #EDT\$_LINEXC255 #1, EDT\$\$MSG_BELL | 0664 0726 0729 0733 |
| | 50 000000006 00 50 000000006 00 10 7E | 04 00034 RET 9E 00035 1\$: MOVAB D1 0003C CMPL 12 00043 RNEO | EDT\$\$Z_EOB_LN, RO EDT\$\$A_WK_EN, RO 2\$ | 0742 |
| | 000000006 00 01 00 00 00 00 00 00 00 00 00 00 00 | 1B 00023 DD 00025 FB 00028 D4 00032 O4 00034 PE 00035 D1 0003C T2 00043 D4 00045 FB 00047 FB 00047 FB 00048 C3 00058 C3 00058 C3 00058 D0 00063 D0 00063 D0 00064 DD 00067 FB 00071 PE 00078 CALLS DD 00083 FB 00085 FB 00085 FB 00086 CALLS | -(SP) #1. EDT\$\$SPLT_LNINS #0. EDT\$\$CS_UP EDT\$\$A_LN_PTR, OLD_LPOINT R7. EDT\$\$A_LN_PTR OLD_LPOINT, EDT\$\$A_LN_END, R1 EDT\$\$A_LN_PTR, R0 R1. (OED_EPOINT), (R0) R7. as, TOLD_LPOINT) R7 | 0745 0746 0752 0753 0757 0761 0765 0769 |
| | 00000000G 00 02 | DD 00083 PUSHL FB 00085 CALLS FB 0008C CALLS | #2. EDT\$\$MRK LNCHG | 0774 |

ED.

| EDTSCHMINSCHR V04-000 | EDTSCHMINSCHR - EDTSSINS_STR - | insert | a string of | f chara | cte | rs 1 rs 1 | N 14 6-Sep-1984 4-Sep-1984 | 90:01 | 27 YAX- | -11 Bliss-32 V4.0-742 T.SRCJCHMINSCHR.BLI;1 | Page (3 |
|--------------------------|-----------------------------------|--------|-------------|----------------------|----------------|--|----------------------------------|--|-------------------------|--|------------|
| | | | 69 | 50 08 56 | D5 12 D1 | 00093 00095 00097 | | STL NEQ MPL | RO 3\$ OLD_LPOINT | , EDT\$\$A_SEL_POS A_SEL_POS | 078 |
| | | | 69 50 | 56 03 57 01 | 00 | 00093 00095 00097 0009A 0009C 0009F | 3\$: | STL SNEQ SMPL SGEQU NDDL2 NOVL RET | R7. EDT\$\$A #1, R0 | _SEL_POS | 078 078 |

; Routine Size: 163 bytes, Routine Base: _EDT\$CODE + 0000

: 216 0786 1 : 217 0787 1 !<BLF/PAGE>

B 15 16-Sep-1984 00:01:27 14-Sep-1984 12:22:36 EDTSCHMINSCHR V04-000 EDT\$CHMINSCHR - insert a string of characters EDT\$\$INS_STR - insert a string of characters VAX-11 Bliss-32 V4.0-742 [EDT.SRCJCHMINSCHR.BLI;1 Page 1 END 1 ELUDOM 0788 0789 0790 ! of module EDT\$CHMINSCHR

PSECT SUMMARY

Name Bytes

Attributes

_EDT\$CODE

163 NOVEC, NOWRT, RD, EXE, SHR, LCL, REL, CON, PIC, ALIGN(2)

E

Library Statistics

| File | Total | Symbols Loaded | Percent | Pages Mapped | Processing Time |
|---|----------|-------------------|---------|-----------------|--------------------|
| _\$255\$DUA28:[EDT.SRC]EDT.L32:1 _\$255\$DUA28:[EDT.SRC]PSECTS.L32:1 | 377 2 | 11 | 50 | 40 | 00:00.2 00:00.1 |

COMMAND QUALIFIERS

BLISS/CHECK=(FIELD, INITIAL, OPTIMIZE)/NOTRACEBACK/LIS=LIS\$: CHMINSCHR/OBJ=OBJ\$: CHMINSCHR MSRC\$: CHMINSCHR.BLI/UPDATE=(ENH\$: CHMINSCHR)

163 code + 0 data bytes 00:12.4 00:14.3 Size:

Run Time: Elapsed Time: Lines/CPU Min:

: Lexemes/CPU-Min: 11314 : Memory Used: 81 pages : Compilation Complete

0131 AH-BT13A-SE

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